

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A swivel hinge assembly, comprising:

a first rotary shaft configured to be rotatable about a substantially vertically extending axis;

a base in the shape of a ~~partially cut out planar disc~~ having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the first rotary shaft, and configured to be rotatable in a substantially horizontal plane by the first rotary shaft; and

a second rotary shaft, ~~portions of which is installed on~~ extend outward from the base, at least a portion of planar disc between the plurality of cut out portions, and which is configured to be rotatable about a substantially horizontally extending axis, which intersects with the first rotary shaft.

2. (Canceled)

3. (Original) The swivel hinge assembly as claimed in claim 1, wherein the first rotary shaft and the base are integrally formed.

4. (Original) The swivel hinge assembly as claimed in claim 1, wherein the base is formed with a hole at a center thereof and the first rotary shaft is inserted into the hole for engagement with the base.

5. (Original) The swivel hinge assembly as claimed in claim 1, wherein the second rotary shaft and the base are integrally formed.

6. (Original) The swivel hinge assembly as claimed in claim 1, wherein the first rotary shaft and the base are configured to be mounted on an electronic device including a main body and a display unit, and the second rotary shaft is configured to be connected to the display unit of the electronic device, thereby allowing the display unit to be vertically and horizontally rotated with respect to the main body.

7. (Original) The swivel hinge assembly as claimed in claim 1, wherein the second rotatable shaft included grooves configured to receive therein wirings of an electronic device in which the swivel hinge assembly is employed.

8. (Original) The swivel hinge assembly as claimed in claim 1, further comprising a mounting base configured to be secured to a main body of an electronic device and to rotatably support the first rotary shaft.

9. (Original) The swivel hinge assembly as claimed in claim 8, wherein the mounting base comprises a cylinder configured to receive the first rotary shaft within an inner circumference thereof.

10. (Original) The swivel hinge assembly as claimed in claim 9, wherein the first rotary shaft includes a projection configured to mate with a groove provided on the cylinder which limits rotation of the first rotary shaft.

11. (Original) The swivel hinge assembly as claimed in claim 9, wherein the mounting base includes one or more fixing pins configured to secure the mounting base to a main body of an electronic device.

12. (Original) The swivel hinge assembly as claimed in claim 1, further comprising a spring-loaded step configured to releasably lock the base in a predetermined position.

13. (Original) The swivel hinge assembly as claimed in claim 1, further comprising a cover plate configured to cover the base.

14. (Original) The swivel hinge assembly as claimed in claim 13, wherein the cover plate further comprises a housing configured to cover wirings of an electronic device in which the swivel hinge assembly is employed.

Reply to Office Action dated March 9, 2006

15. (Original) A portable electronic device comprising the swivel hinge assembly of claim 1.

16. (Withdrawn/Currently Amended) An electronic device, comprising:  
a main body having an opening therein;  
a rotatable display unit; and  
a swivel hinge assembly configured to rotatably connect the display unit to the main body, wherein the swivel hinge assembly comprises:

a first rotary shaft configured to be rotatable about a substantially vertically extending axis and which is supported on the main body;

a ~~partially cut out~~ base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the first rotary shaft, configured to be rotatable in a substantially horizontal plane by the first rotary shaft in the opening such that the base is level with a top surface of the main body; and

a second rotary shaft, portions of which is installed on the base, at least a portion of extend outward from the planar disc between the plurality of cut out portions, and which is configured to be rotatable about a substantially horizontally extending axis, which intersects with the first rotary shaft, and which is connected to the display unit.

17-18. (Canceled)

19. (Withdrawn/Currently Amended) The electronic device as claimed in claim [[17]] 17, wherein the base comprises a plurality of symmetric cutouts, such that the base does not extend beyond a back wall of the main body when the display unit is positioned to face substantially forward or rearward with respect to the main body.

20. (Canceled)

21. (Withdrawn/Currently Amended) The electronic device as claimed in claim [[20]] 16, further comprising a spring-loaded step configured to releasably lock the base in a predetermined position, wherein the base is released from the predetermined position when the base is rotated and one of the first and second protruding arms contacts with the spring-loaded step.

22. (Withdrawn/Original) The electronic device as claimed in claim 16, further comprising a cover plate configured to cover the base.

23. (Withdrawn/Currently Amended) The electronic device as claimed in claim [[21]] 22, wherein the cover plate is in the shape of a semicircle one side of which is a rounded curve and the other side of which is a straight line having the same length as a cutout portion of the base.

24. (Withdrawn/Currently Amended) The electronic device as claimed in claim [[22]]  
23, wherein one side of the cover plate corresponds to a cutout portion of the base and is  
formed with an inclined guide plane.

25. (Withdrawn/Original) The electronic device as claimed in claim 16, wherein the  
first rotary shaft is supported by a mounting base on the main body.

26. (Withdrawn/Original) The electronic device as claimed in claim 25, wherein the  
electronic device comprises a portable electronic device.

27. (Currently Amended) A swivel hinge assembly for use in an electronic device  
including a main body and a display unit, the swivel hinge assembly comprising:

a first frame;

a second frame, including a base in the shape of a planar disc having a pair of  
oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a  
plurality of cut outs extending inward toward a substantially vertically extending axis of rotation,  
which is mounted on the first frame so as to be rotatable in a substantially horizontal plane  
about a the substantially vertically extending axis of rotation with respect to the first frame; and

a rotary shaft, portions of which is installed on the base, at least a portion of  
extend outward from the planar disc between the plurality of cut out portions, and which is

Reply to Office Action dated March 9, 2006

configured to be rotatable about a substantially horizontally extending axis of rotation substantially orthogonal to the first axis of rotation.

28-29. (Canceled)

30. (Currently Amended) The swivel hinge assembly as claimed in claim [[28]] 27, further comprising:

a housing configured to cover a central portion of a top surface of the second frame.

31. (Original) The swivel hinge assembly as claimed in claim 30, wherein the rotary shaft extends through the housing.

32. (Currently Amended) The swivel hinge assembly as claimed in claim 30, further comprising a cover plate in the shape of a semicircle having a chord with substantially the same length as the cutout ~~portion~~ portions of the base, wherein the housing is part of the cover plate.

33. (Original) The swivel hinge assembly as claimed in claim 32, further comprising a spring-loaded step configured to releasably lock the base in a predetermined position with respect to an opening in a main body of an electronic device in which the swivel hinge assembly is employed.

34. (Original) The swivel hinge assembly as claimed in claim 33, wherein the step is formed with an inclined guide plane at a portion corresponding to the cutout portion of the base.

35. (Original) The swivel hinge assembly as claimed in claim 34, wherein the step further includes a stepped portion formed adjacent an inner circumference of the opening.

36. (Original) The swivel hinge assembly as claimed in claim 27, wherein the first frame includes one or more fixing pins configured to secure the first frame to a main body of an electronic device.

37. (Original) A portable electronic device comprising the swivel hinge assembly of claim 27.

38. (Withdrawn/Currently Amended) An electronic device, comprising:  
a main body having an opening formed therein;  
a display unit configured to display information, one end of which is connected to the main body; and  
a swivel hinge assembly comprising a first frame affixed to the main body and a second frame configured to allow the display unit to be rotated in a substantially horizontal plane with respect to the main body about a substantially vertically extending axis, wherein said second



Reply to Office Action dated March 9, 2006

frame having a plurality of cutout portions comprises a base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the substantially vertically extending axis, such that the second frame does not extend beyond a back wall of the main body when the display unit is positioned to face substantially forward or rearward with respect to the main body.

39. (Withdrawn/Original) The electronic device as claimed in claim 38, further comprising a cover plate configured to cover a region of the opening which is selectively opened according to rotation of the second frame.

40. (Withdrawn/Original) The electronic device as claimed in claim 38, wherein the first frame comprises a first cylinder configured to receive a second cylinder of the second frame with an inner circumference thereof.

41. (Withdrawn/Original) The electronic device as claimed in claim 40, wherein the second frame includes a projection configured to mate with a groove provided on the first frame configured to limit rotation of the second frame.

42. (Withdrawn/Original) The electronic device as claimed in claim 38, wherein the electronic device is a portable electronic device.

43. (Withdrawn/Currently Amended) An electronic device, comprising:

- a main body having an opening therein;
- a rotatable display unit; and
- a swivel hinge assembly configured to rotatably connect the display unit to the main body, wherein the swivel hinge assembly comprises:
  - a rotary shaft configured to be rotatable about a substantially vertically extending axis; and
  - a partially cut out base in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the rotary shaft, configured to be rotatable in a substantially horizontal plane by the ~~first~~ rotary shaft, wherein said rotary shaft and base have an inner hole, through which at least one cable passes.

44. (Withdrawn/Original) The electronic device as claimed in claim 43, wherein at least two cables pass through said hole, and wherein the two cables are bound together by a binding member.

45. (Withdrawn/Original) The electronic device as claimed in claim 43, wherein a corner of the inner hole is rounded.

Reply to Office Action dated March 9, 2006

46. (Withdrawn/Currently Amended) The electronic device as claimed in claim 43, wherein a corner of the inner hole is provided with ~~an~~ a shock-absorbing member.

47. (Currently Amended) A swivel hinge assembly, comprising:  
a swivel body with a rotary shaft configured to be rotatable about a substantially vertically extending axis;  
a base with a through-hole in a center thereof, the base being in the shape of a planar disc having a pair of oppositely disposed symmetrical cut out portions, each of the cut out portions comprising a plurality of cut outs extending inward toward the rotary shaft;  
a rotary body connected to a side of the swivel body and configured to be rotatable about a substantially laterally extending axis; and  
at least one elastic member configured to limit elastically a rotation of the swivel body or the rotary body.

48. (Original) The swivel hinge assembly as claimed in claim 47, wherein the at least one elastic member is configured to be fitted between a side of the swivel body and the rotary body.

49. (Original) The swivel hinge assembly as claimed in claim 47, wherein the at least one elastic member is configured to be fitted between the base and the rotary shaft of the swivel body.

Serial No. **10/797,084**

Docket No. **IK-0064**

Reply to Office Action dated March 9, 2006

50. (Original) The swivel hinge assembly as claimed in claim 47, further comprising a first cover fitted onto the lower surface of the base.

51. (Original) The swivel hinge assembly as claimed in claim 50, further comprising a second cover fitted into a surface of the first cover.